PATENT ABSTRACTS OF JAPAN

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(54) ELECTRONIC BUSINESS TRANSACTION DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the number of the reserving operation steps of a reservation requesting person by providing a means for monitoring the exchange of reservation confirming and automatically preparing the alternative plan of reserving information to transmit reserving information to an order receiving device in a case that the reservation is impossible.
SOLUTION: The input of a page for receiving the sale and reservation of tickets is received by a WWW browser to transmit inputted URL to a server mechanism 200 through a communication network 220. Transmitted ticket sale request information is received through the network 220. Based on the received ticket sale request information, access is started from ticket information stored in a storing device 205. Then, the ticket information is transmitted to a client mechanism 210 through the network 220.
Next, in a case that the contents of received information is 'reservation is impossible', the profile information previously stored in a storing mechanism 216 is accessed and reservation alternative plan information is prepared based on the information. Then, the prepared ticket alternative plan informatio is transmitted to the mechanism 200 through the network 220.
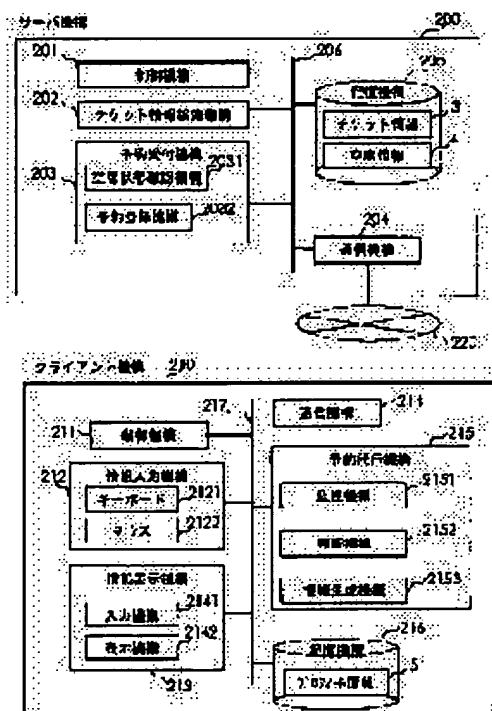
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* NOTICES *

CLAIMS

[Claim(s)]
[Claim 1] A means to receive the award information on goods from on a communication network, and a judgmen means to retrieve inventory information and to judge the propriety of an award from a storage means to memoriz the inventory information on goods, based on said receipt information, The award equipment possessing a means transmit the judgment result of an award, and an input means to receive order of goods from a user, Electronic commerce equipment characterized by providing the order equipment possessing a means to create the informati on an alternative from the information stored in a means to transmit the ordering information of goods on a communication network, a means to receive the judgment result of order, a means to supervise said transceiver information, and said surveillance intelligence and storage means.
[Claim 2] Electronic commerce equipment characterized by providing the order equipment characterized by havi a means to display the alternative which the ****** creation means created in electronic commerce equipment according to claim 1.
[Claim 3] Electronic commerce equipment characterized by providing the order equipment characterized by havi the means as which a user is made to choose an alternative in electronic commerce equipment according to claim

[Claim 4] Electronic commerce equipment characterized by providing the order equipment characterized by havi a means to supervise that ordering information is inadequate, and a means to create an alternative by the result fo said monitor means in electronic commerce equipment according to claim 1.
[Claim 5] Electronic commerce equipment characterized by providing the order equipment characterized by havi a means to supervise the condition of the circuit of order equipment, and a means to execute a promissory note continuation by proxy beforehand by the result for said monitor means in electronic commerce equipment according to claim 1.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to a technique effective in reservation of order of goods, an entrainment seat reservation ticket, an embarkation seat reservation ticket, an entrance seat reservation ticket, etc etc. especially about the electronic commerce performed on a communication network.
[0002]
[Description of the Prior Art] In the conventional technique, when reserving admission tickets, such as theater, o the Internet, an admission ticket is reserved in the following procedures.
[0003] Step 1: Display an admission ticket reservation reception place page. URL (Uniform Resource Locators) an admission ticket reservation reception place is received by the WWW browser, the admission ticket reservatio reception place page on the Internet is accessed, and an admission ticket reservation reception place is displayed.
[0004] Step 2: Display admission ticket information. From the page of the admission ticket reservation reception place displayed on the WWW browser, the display demand of the admission ticket of a film, theater, or a concert which is shown and which is performed is received, and a film name, show time, a movie theater name, etc. are displayed as information on an admission ticket.
[0005] Step 3: Display a vacancy situation. The display information on admission ticket information to the vacan information displayed on the WWW browser is received, and vacancy information is displayed on a WWW browser.
[0006] Step 4: Receive reservation of an admission ticket. As admission ticket reservation information, the input a name, the E-mail address, the telephone number, an address, a lecture name, a seat type, ticket number of sheet and the ticket receipt approach is received.
[0007] Step 5: Check reservation. Based on the information inputted at step 4, reservation information is accesse from a storage means by which reservation information is memorized, the propriety of reservation is determined, and an electronic mail is transmitted to the E-mail address into which the result was inputted at step 4.
[0008] Moreover, in the conventional electronic commerce, when purchasing goods using communication networks, such as the Internet, URL (Uniform Resource Locators) of the homepage which sells goods to a WWW browser is inputted, and the goods currently displayed on the homepage or the page by which the link is stuck on the homepage are chosen. Then, it moves to the page by which the link is stuck on the page which chose goods, a selected purchase goods are displayed. A user checks the goods purchased on the page, and in order to order the goods, he does the depression of the carbon button on the page etc. by the mouse cursor.
[0009] As an example of the conventional technique, the procedure which purchases a book by the homepage of certain bookstore is explained below.
[0010] Step 1: Carry out member registration. Since book shopping of a certain bookstore is a membership syste the user who purchases a book does member registration. By the WWW browser, from the page of an aperture an the usage advice, the approach of member registration downloads a member registration application form, and prints the page of the usage advice. An identifier, an address, the telephone number, an address name, an address address, and the class and credit number of a credit card to settle are entered in a member registration application form, and it sends to a certain bookstore by facsimile or mailing.
[0011] Step 2: A member number and a password are mailed.
[0012] Based on the member registration application form which reached a certain bookstore, a principal's authentication is performed from a credit number in a certain bookstore. As soon as a principal's authentication

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finishes, user ID and a password are mailed to a new member.

[0013] Step 3: Open the page which enters user ID and a password for a book for a purchase reason. A WWW browser is started on communication devices, such as a personal computer connected to the Internet, and URL of the homepage of a certain bookstore is inputted. It goes across some pages on which the link is stuck from the homepage, and the page which enters the user ID and the password for purchasing a book is opened.

[0014] Step 4: Enter user ID and a password. User ID and a password are entered. The check of user ID and a password is performed by the WWW server, and the page for choosing a book is transmitted.

[0015] Step 5: Search and look for the book to purchase by a keyword etc.

[0016] Things, such as a title of the book it is considered that wants to purchase, an author name, and a publishin company name, are searched with a keyword to a page for a user to choose a book, and the list of books is displayed on it by the keyword.

[0017] Step 6: Choose the book to purchase. When a book to purchase is discovered from the list of books curren displayed, the book is chosen with a mouse and it moves to an order check page. The link of an order check page stretched on the page as which the approach of moving to an order check page chose the book, and URL of an or check page and the number of the selected book are transmitted by clicking the part in which the link is stretched the order check page on this selection page by the mouse cursor.

[0018] Step 7: Order the book after checking the book purchased on an order check page. In checking the title an the number of purchase of a book which were displayed on the order check page, and the amount of money to pa and purchasing the book, it carries out the depression of the order carbon button with a mouse. A push on an orde carbon button transmits URL which places an order for the book chosen at step 6 to the WWW server of a certain bookstore. After a check, in order to cancel the purchase of a book, the depression of the order cancellation carbo button is carried out. If an order cancellation carbon button is pushed, the book chosen at step 6 will not be order That is, URL which does not place an order for goods is transmitted.

[0019] Step 8: The electronic mail which shows that the book was ordered from a certain bookstore after order of the check book of the order by the electronic mail is sent. The title and the claim amount of money of the ordered book are written to the content of the mail.

[0020] Step 9: When checking the check order situation of order by the order situation check page, display the ordered book and its situation by moving to an order situation check page and inputting the date of order.

[0021] Step 10: The book purchased after forwarding order of a book and 1 or 2 weeks is conveyed in the addres registered beforehand.

[0022] With said conventional technique, it makes it possible to order goods, such as a book, using a WWW browser.

[0023]

[Problem(s) to be Solved by the Invention] The conventional technique has realized ticket reservation and electronic shopping using the Internet. However, there are the following problems in the conventional technique.

[0024] (1) When there is no reserved ticket, it is necessary to input reservation information repeatedly. Vacancy status information is searched with the conventional technique based on the inputted reservation information, an electronic mail is used for a reservation claimant and the propriety of reservation is told to it. However, when reservation is not completed (i.e., when a reservation claimant receives the electronic mail written reservation is "impossible"), a reservation claimant needs to carry out regeneration of the reservation reception page on a WWW browser, and needs to input the alternative of reservation information into the reception page.

[0025] With the conventional technique, in order to solve this problem, it is going to avoid by displaying vacancy information. However, only by the vacancy information display, when the information which requires reservation received intensively for a short time, the renewal of information of vacancy information may not meet the deadli but the reservation demand of the seat which is not a vacancy may be received, and a reservation claimant will reinput ticket reservation.

[0026] (2) There is risk of the profile of a reservation claimant or a goods purchaser being intercepted and abused From the purchasing track record purchased for every genre which a reservation claimant likes so that a reservati claimant may tend to discover the desirable ticket of a reservation claimant with the conventional technique, or reservation claimant, the age of a reservation claimant, sex, and the taken profile information. The ticket introduction page which suited the reservation claimant is created. However, with the conventional technique, sin it has the information on a reservation claimant in the server side which receives service, the private information

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a reservation claimant will be registered through the Internet. Saying [transmitting and registering private information on the Internet] may have private information intercepted. Although there is also the approach of enciphering private information and transmitting to a reservation information receptionist side with the conventional technique in order to avoid this situation, I hear that a code and compound take time amount, and it not user-friendly. Since the profile information on a reservation claimant is in a server side even if not intercepte the contractor of a server may use the information on a reservation claimant for other objects.

[0027] (3) A goods purchaser may resign itself. With the conventional technique, when goods are ordered by electronic shopping using the Internet, goods' not arriving, even if it pays a price, and the damage in which goods differ from publicity may be suffered. Since a bargaining partner is not seen by it, either, even if anonymity of Internet is high, and it suffers damage, it is difficult for it to trace a partner, and it may resign itself.

[0028] The object of this invention is offering the electronic commerce equipment which reduces reservation or reservation of an order claimant, and order procedures in the ticket reservation and the goods order which used th communication network. Moreover, other objects of this invention are offering the electronic commerce equipme with which a user's profile avoids the risk of tapping or improper use in the ticket reservation and the goods orde which used the communication network. Furthermore, other objects of this invention are offering the electronic commerce equipment to which damage of a purchaser is reduced in the goods order which used the communicati network. Furthermore, other objects of this invention are offering the electronic commerce equipment which mak easy reservation or reservation of an order claimant, and initiation and a halt of the function which reduces order procedures in the ticket reservation and the goods order which used the communication network.

[0029]
[Means for Solving the Problem] In order to solve the above-mentioned technical problem, it considered as the following configurations. A means by which the cutback of the reservation work habits of a reservation claimant receives the reservation information on a ticket from on a communication network, A judgment means to retrieve inventory information and to judge the propriety of reservation from a storage means to memorize the inventory information on a ticket, based on said receipt information, The reservation receptionist equipment possessing a means to transmit the judgment result of reservation, and an input means to receive reservation of a ticket from a user, A means to transmit the reservation information on a ticket on a communication network, and a means to receive the judgment result of reservation, It is attained by the electronic commerce equipment characterized by providing the reservation demand equipment possessing a means to create the information on an alternative from the information stored in a means to supervise said transceiver information, and said surveillance intelligence and storage means.

[0030] That is, reservation information is received from a WWW browser, it judges whether the reservation information is received from a storage means with reservation reception equipment based on the data, and a reservation judging result is transmitted to a reservation claimant. With the conventional technique, when saying that reservation is impossible, in order to consider the alternative from which the reservation is given up or time, and a location and a film name differ, a reservation claimant will look for a ticket with other vacancies, and a reservation claimant will input again, and will require reservation. In this invention, the monitor means of an exchange of a reservation check is established, and with the means, when it cannot reserve, an alternative creatio means by which liking and profile of a reservation claimant were held beforehand creates the alternative of reservation information automatically, and transmits reservation information to award equipment. Therefore, in t invention, it becomes possible to reduce the reservation work habits of a reservation claimant. Moreover, in this invention, since the profile information on a reservation claimant is held to the reservation demand equipment in reservation claimant side, it becomes possible to avoid the profile information on a reservation claimant being intercepted, or being abused. Furthermore, in said electronic commerce equipment, creation of the alternative nea the present liking of a reservation claimant is attained by using the ordering information which the order claiman inputted into the reservation information alternative creation means.

[0031] However, in giving up reservation by this invention, the alternative of reservation is created and the case where I do not want a means to reserve for the information to operate arises. So, in this invention, the electronic commerce equipment (dent made to stop an alternative creation reservation means is also proposed.

[0032] It is attained by providing the order equipment possessing the storage with which a halt stored said transceiver information monitor means and said alternative creation means in the reservation demand equipment said electronic-commerce equipment for an alternative creation reservation means, a means read said storage, a

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means said storage reads and judge ****, and the means that start the means which stored in said storage and sto from the information from said means which can be read.

[0033] That is, a reservation status monitor means and an alternative creation means are stored in a dismountable storage. Moreover, a means for the storage to read and to judge propriety is established. Thereby, when it is in th condition, i.e., the condition that a storage can be read, that a storage is in close, a reservation status monitor mea and an alternative creation means are operated, and when the condition, i.e., a storage, that a storage is not in clos cannot be read, the function of a reservation status monitor means and an alternative creation means is stopped automatically. It becomes possible by being able to operate a function, when a reservation claimant inserts a storage, and extracting a storage by this, to suspend a function.

[0034] Evasion of resignation of a reservation claimant is attained in said business equipment by providing the order equipment possessing a means to supervise an order condition to order equipment.

[0035] That is, it becomes possible to discover the abnormalities by the side of order at an early stage with said means. That goods do not reach having paid the price has high possibility that the homepage of the store by the s of a successful bidder is lost, when a price is paid. That a purchaser needs to access the page from itself and supervises it has trouble with the conventional technique dramatically. By using said means which is this inventi abnormalities can be discovered for a store at an early stage with the monitor of an order condition.

[0036]

[Embodiment of the Invention] Hereafter, this invention is explained to a detail with reference to drawing with an operation gestalt. A means to receive the award information on goods from on a communication network below, and a judgment means to retrieve inventory information and to judge the propriety of an award from a storage means to memorize the inventory information on goods, based on said receipt information, The award equipmen possessing a means to transmit the judgment result of an award, and an input means to receive order of goods fro a user, A means to transmit the ordering information of goods on a communication network, and a means to rece the judgment result of order, The electronic commerce equipment characterized by providing the order equipmen possessing a means to create the information on an alternative is explained from the information stored in a mean to supervise said transceiver information, and said surveillance intelligence and storage means.

[0037] Drawing 1 is a flow chart which shows the procedure of fundamental actuation of the electronic commerc equipment of this operation gestalt.

[0038] Drawing 2 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt. The server style whose 200 is award equipment in drawing 2 , the client device in which 210 is order equipment, 220 a controlling mechanism and 202 for a communication network and 201 A ticket informati retrieval device, 203 a vacancy condition check device and 2032 for a reservation reception device and 2031 A reservation registration device, In 204, a transmitter style and 205 a data bus and 211 for storage and 206 A controlling mechanism, 212 a keyboard and 2122 for an information input device and 2121 A mouse, 213 -- an information-display device and 2141 -- an input device and 2142 -- a display device and 214 -- for surveillance a 2152, as for an information generation device and 216, a decision device and 2153 are [a transmitter style and 21 a reservation vicarious execution device and 2151 / storage and 217] data buses.

[0039] As shown in drawing 2 , the electronic commerce equipment of this operation gestalt The server style 200 the client device 210, a communication network 220, a controlling mechanism 201, the ticket information retriev device 202, the reservation reception device 203, the vacancy condition check device 2031, the reservation registration device 2032, the transmitter style 204, storage 205, a data bus 206, a controlling mechanism 211, The information input device 212, a keyboard 2121, a mouse 2122, the information-display device 213, an input devi 2141, the display device 2142, the transmitter style 214, the reservation vicarious execution device 215, surveillance 2151, the decision device 2152, the information generation device 2153, storage 216, and a data bus 217 It has.

[0040] Moreover, as shown in drawing 2 , with the electronic commerce equipment of this operation gestalt, the server style for performing electronic commerce is equipped with six devices, the client device is equipped with seven devices, and those devices operate by the program which controls the hardware and hardware within a serv style and a client device.

[0041] The 1st device of the server style for receiving ticket reservation is the controlling mechanism 201 which controls the ticket information retrieval device 202, the reservation reception device 203, and the transmitter styl 204 through a data bus 206.

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[0042] The 2nd device of the server style for receiving ticket reservation retrieves the ticket information stored in storage 205, and is a ticket information retrieval device to access.

[0043] It is the reservation reception device 203 in which reservation information is registered while the 3rd devi of the server style for receiving ticket reservation receives the reservation information sent through a communication network 220, judges the propriety of reservation and transmits the result to a client device throug communication network. The reservation reception device 203 has two devices. They are the vacancy condition check device 2031 which accesses a vacancy condition from storage 205, and the reservation registration device 2032 in which reservation information is registered into storage 205.

[0044] The 4th device of the server style for receiving ticket reservation is the transmitter style 204 which passes the information which transmitted information for information at the receipt communication network 220, or was received from the communication network 220 to each device of the premises of a server from each device of the premises of a server.

[0045] The 5th device of the server style for receiving ticket reservation is the storage 205 which stores the operation system program for operating a server style, and the information for receiving ticket reservation.

[0046] The 6th device of the server style for receiving ticket reservation is the data bus 206 as a data communication way between each device of the premises of a server.

[0047] The 1st device of the client device for transmitting ticket reservation is the controlling mechanism 211 which controls the information input device 212, the information-display device 213, the transmitter style 214, th reservation vicarious execution device 215, and storage 216.

[0048] The 2nd device of the client device for transmitting ticket reservation is the information input device 212 which receives the reservation information from a reservation claimant. The information input device 212 has tw devices. It is the ****** mouse 2122 about the ****** keyboard 2121 and reservation directions information in reserved-character information from a reservation claimant.

[0049] The 3rd device of the client device for transmitting ticket reservation is ticket information, a reservation information input screen, a reservation result, and the information-display device 213 that displays reservation vicarious execution result information etc. The information-display device 213 has two devices. They are the inp device 2141 which receives an input in order to display information, and the display device 2142 which displays information.

[0050] The 4th device of the client device for transmitting ticket reservation is the transmitter style 214 which transmits the information received from each device of a client device to the server style 200 through the transmi style 220.

[0051] The 5th device of the client device for transmitting ticket reservation is the reservation vicarious executio device 215 in which supervise reservation status and generation of reservation information is executed by proxy depending on a reservation condition. The reservation vicarious execution device 215 has three devices. They are the surveillance 2151 which supervises reservation status, the decision device 2152 in which it judges whether th alternative of reservation information is created, or it does not carry out, and the information generation device 2153 which generates a reservation alternative.

[0052] The 6th device of the client device for transmitting ticket reservation is the storage 216 which stores the information for transmitting the operating system program for operating a client device, and ticket reservation.

[0053] The 7th device of the client device for transmitting ticket reservation is the data bus 217 which is a data communication way between each device within a client device.

[0054] Before explaining the detail of each function of the electronic commerce equipment of this operation gest and actuation, the information about the electronic commerce equipment dealt with with this operation gestalt is explained. In addition, the information explained below is not illustrated in order to explain fundamental actuatio of the electronic commerce equipment of this operation gestalt, and it does not limit the applicability of the electronic commerce equipment of this operation gestalt.

[0055] Drawing 3 (A) is drawing showing an example of the data corresponding to the record configuration and each of its record of ticket information of this operation gestalt. [of electronic commerce equipment] drawing 3 (B) -- setting -- 3 -- ticket information and 31 -- for a film name and 34, as for show time of day and 36, a show d and 35 are [a ticket discernment field number and 32 / a movie theater name and 33 / ticket classification and 37 the numbers of ** sheets.

[0056] As shown in drawing 3 (A), by the data corresponding to the record configuration and each of its record o

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ticket information of this operation gestalt [of electronic commerce equipment] As ticket information for selling ticket, the ticket identification number 31 for identifying a ticket The movie theater name 32 which is a movie theater name of a ticket, the film name 33 which is a film name of a ticket, the show day 34 which is a show day the film of a ticket, the show time of day 35 which is the show time of day of the film of a ticket, the ticket classification 36 which is the classification of a ticket, and the number 37 of ** sheets which is the sale remainin number of sheets of a ticket It has memorized.

[0057] The information shown in drawing 3 (A) is stored in storage 205.

[0058] Drawing 3 (B) is drawing showing an example of the data corresponding to the record configuration and each of its record of movie theater information of this operation gestalt. [of electronic commerce equipment] drawing 3 (B) -- setting -- 3B -- movie theater information and 311 -- for a nonsmoking seat and 314, as for S sea and 316, a motor pool and 315 are [a movie theater name and 312 / a nearby station and 313 / A seats and 317] seats.

[0059] As shown in drawing 3 (B), by the data corresponding to the record configuration and each of its record o movie theater information of this operation gestalt [of electronic commerce equipment] As information on the movie theater which sells the ticket As a facility of the movie theater name 311, the nearby station 312 which is a nearby station of a movie theater, and a movie theater B seat 317 which is the prices of S seats of the nonsmokin seat 313 which shows whether there is any nonsmoking seat, the motor pool 314 which shows whether there is a motor pool as a facility of a movie theater, and a movie theater, which is 315 and the prices of A seats of a movie theater S seats and which is 316 and the prices of B seats of a movie theater A seats is memorized.

[0060] The information shown in drawing 3 (B) is stored in storage 205.

[0061] Drawing 4 is drawing showing an example of the data corresponding to the record configuration and each its record of vacancy information of this operation gestalt. [of electronic commerce equipment] For 4, as for a ticket identification number and 42, in drawing 4 , vacancy information and 41 are [ticket classification and 43] vacancy seats.

[0062] As shown in drawing 4 , by the data corresponding to the record configuration and each of its record of vacancy information of this operation gestalt, the ticket identification number 41, the ticket classification 42 whic is the classification of a ticket, and the vacancy information 42 which is the seat number of a vacancy are memorized as vacancy information on the movie theater which sells the ticket. [of electronic commerce equipment]

[0063] The information shown in drawing 4 is stored in storage 205.

[0064] Drawing 5 is drawing showing an example of the data corresponding to the record configuration and each its record of profile information of this operation gestalt. [of electronic commerce equipment] For 5, as for an it and 52, in drawing 5 , profile information and 51 are [priority and 53] individual humanity news.

[0065] As shown in drawing 5 , by the data corresponding to the record configuration and each of its record of profile information of this operation gestalt, the individual humanity news 53 to the priority 52 and the item 51 which are the priority of an item 51 and an item 51 which is the item of profile information as profile information on the reservation claimant which reserves a ticket is memorized. [of electronic commerce equipment]

[0066] The information shown in drawing 5 is stored in storage 216.

[0067] The procedure of a reservation claimant which lessens the order of a promissory note beforehand is explained by supervising reservation status to below, creating a reservation alternative to it according to the condition of supervising, and performing reservation vicarious execution to it.

[0068] As shown in drawing 1 , in the electronic commerce equipment of this operation gestalt, step 111, step 11 step 113, step 114, step 115, step 116, step 117, step 118, step 119, step 1110, and step 1111 are steps performed the client device 210. Moreover, step 121, step 122, step 123, step 124, step 125, and step 126 are steps performe at server guard 200.

[0069] Moreover, as shown in drawing 1 , a WWW browser is started on the client device in which a WWW browser can be performed by processing of step 111. After the reservation claimant which uses the electronic commerce equipment of this application receives the seizing signal of a WWW browser from an input device 212 the program of the WWW browser stored in the storage 216 of the client device 210 is read and performed by the controlling mechanism 211.

[0070] In processing of step 112, the input of the page which is receiving a ticket sale and reservation by the WW browser is received, and URL inputted into the server style 200 is transmitted through a communication network

220 after reception.

[0071] In processing of step 121, the ticket sale demand information which is the information transmitted at step 212 is received through a communication network 220.

[0072] In processing of step 122, it accesses from the ticket information 3 stored in storage 205 based on the tick sale demand information which is the information received at step 121.

[0073] In processing of step 123, the ticket information which is the information on the ticket accessed at step 12 is transmitted to the client device 210 through a communication network 220.

[0074] In processing of step 113, the ticket sale information transmitted at step 123 is received.

[0075] In processing of step 114, the ticket sale information received at step 113 is displayed on a WWW browse

[0076] In processing of step 115, the ticket reservation information from the reservation claimant of a ticket is received. The example of the screen which receives ticket reservation information on a WWW browser to drawin 7 is shown. In drawing 7 , the menu bar to which 71 operates a WWW browser and 72 operates a WWW browse and 73 The carbon button on which the homepage which registers a before page display carbon button and 74 int page [degree] display carbon button, and has registered 75 into the WWW browser beforehand is displayed, Th carbon button with which 76 reloads a page, the area where 77 receives the input of URL, The label in which explanation of input area for 78 to receive the label of ticket reservation and for 79 receive film reservation information is shown, The area where 710 receives an input for a film name, the area where 711 receives an inpu for a movie theater name, As for a carbon button for the area where 712 receives the show sunset force of a film, the area where 713 receives show time of day, the area where 714 receives the reservation number of sheets of a ticket, and 715 to transmit reservation information, and 716, a scroll bar and 717 are mouse cursors.

[0077] By processing of step 116, the reservation information on a reception beam ticket is transmitted for an inp to the server style 220 through a communication network 220 at step 115.

[0078] In processing of step 124, the reservation information on the ticket transmitted at step 116 is received through a communication network 220.

[0079] It confirms whether the seat within the reservation information which accessed the vacancy information 4 stored in storage 205 in processing of step 125 based on the reservation information received at step 124, and wa received is a vacancy, or there is nothing, and the information that information that reservation was completed when it was a vacancy was not made by reservation to step 126 when it was not delivery and a vacancy passes st 127.

[0080] In processing of step 126, the reservation confirmed information which is the information received from s 125 is transmitted to step 117 through a communication network 220.

[0081] In processing of step 117, the reservation confirmed information which received at step 126 is received through a communication network 220.

[0082] In processing of step 118, when the content of the information received at step 117 is "possible [reservation]", processing is ended, and in the case "reservation is improper", step 119 is processed.

[0083] In processing of step 119, the profile information 5 beforehand stored in storage 216 is accessed.

[0084] In processing of step 1110, the reservation alternative information on a ticket is created based on the profi information accessed at step 119. For details, it explains later.

[0085] In processing of step 1111, the ticket reservation alternative information created at step 1110 is transmitte to the server style 200 through a communication network 220. The example of the screen which displays the resu which the reservation vicarious execution device operated and reserved to drawing 8 is shown. When a reservatio claimant recognizes the label which wrote the content which tells a reservation claimant about what 71 reserved drawing 8 , the content which 82 reserved, and the content of reservation which 83 displayed, the O.K. carbon button which carries out a depression, and 84 are carbon buttons which cancel reservation when a reservation claimant does not recognize the displayed content of reservation.

[0086] Below, the detail of the above-mentioned step 1110 is explained using the flow chart of drawing 6 .

[0087] Step 61: Evaluate the ticket information which was received at step 113 and which can be purchased usin the profile information 5.

[0088] Step 62: Ranking is given to the ticket which was evaluated by step 62 and which can be purchased, and l a ticket with the highest assessment be an alternative.

[0089] Step 61 consists of eight processing steps.

[0090] Step 611: Search the nearby station of a movie theater from the ticket information 3 and movie theater

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information 3B, and calculate the duration from the nearby station information on the house of the profile information 5 to the movie theater of a ticket. Since count of said duration has the software of marketing which calculates the time amount between stations etc., explanation of the count approach is omitted to a duration. Nex the electric-car entrainment maximum time amount is searched from the profile information 5 which has inputted the reservation claimant beforehand, and the duration of migration from a house to a movie theater outputs the ticket within the electric-car entrainment maximum time amount as movie theater candidate information.

[0091] Step 612: Evaluate whether the candidate and house of the movie theater outputted at step 611 are near. T migration duration of the nearby station of a movie theater and the nearby station of a house is calculated, and a value with a high assessment value is given to a ticket in the short order of a duration.

[0092] Step 613: Evaluate whether a candidate, and the service ground and the school which goes to school of th movie theater outputted at step 611 are near. The migration duration of the nearby station of a movie theater, and the service ground and the nearby station of a school is calculated, and the high value of assessment is given to a ticket in the short order of a duration.

[0093] Step 614: Evaluate whether the station which goes well with the candidate of the movie theater outputted step 611 is near. The migration duration of the nearby station of a movie theater and the station which goes well calculated, a duration sees, and a high assessment value is given to a ticket by time order. The assessment value calculated at step 612, step 613, and step 614 is compounded, and it outputs as distance-assessment information. this composition, the priority information 52 on the profile information 5 is calculated in the form where read in and the assessment result of the high item of priority are thought as important.

[0094] Step 615: Evaluate whether the price for every ticket enters whether it enters in the ticket price band of th profile information 5 from the ticket information 3, attach high assessment to the ticket included in a price band, and give an underestimation value to the ticket which does not go into a price band. This assessment value is outputted as quantum evaluation information.

[0095] Step 616: Evaluate whether it enters whether the time of day for every ticket enters within the time zone which sees the film of the profile information 5 from the ticket information 3, attach high assessment to the ticke containing within a time zone, and attach underestimation to the ticket into which it does not go in a time zone. T assessment information is outputted as time assessment information.

[0096] Step 617: Attach underestimation to the ticket which attaches high assessment to the ticket which read in and liking suit in the tastes of the nonsmoking seat of the existence information on a nonsmoking seat facility, an the profile information 5 as facility information on a movie theater, and does not suit [it is fond and] from movi theater information 3B.

[0097] Step 618: Attach high assessment from movie theater information 3B to the ticket which read in and likin suit in the tastes of the motor pool of the existence information on a motor pool, and the profile information 5 as facility information on a movie theater, and attach underestimation to the ticket which does not suit liking. The assessment value calculated at step 617 and step 618 is compounded, and it outputs as movie theater assessment information. In this composition, the priority information 52 on the profile information 5 is calculated in the form where read in and the assessment result of the high item of priority are thought as important.

[0098] As mentioned above, although detail of step 61 was given, all eight steps are not needed, eight are raised this invention as an example, and this invention is not limited.

[0099] Step 62 consists of two processing steps.

[0100] Step 621: Calculate the assessment value of a ticket by compounding the distance-assessment value calculated at step 61, a quantum evaluation value, a time assessment value, and a movie theater assessment value for every ticket. In this composition, the priority information 52 on the profile information 5 is calculated in the form where read in and the assessment result of the high item of priority are thought as important. Here, although four assessment values are used, all four assessment values are not needed, four are raised in this invention as an example, and this invention is not limited.

[0101] Step 622: Rearrange in order of the assessment value of a ticket, and choose the ticket of the assessment value of the highest score as an alternative of a ticket.

[0102] The above is the 1st operation gestalt of this invention. With the conventional technique, when reservatio not able to be made, a reservation claimant needs to consider the alternative from which time, and a location and film name differ repeatedly, and needs to work reservation by giving up the reservation, until it can make reservation. With this operation gestalt, the monitor means of an exchange of a reservation check is established, a

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with the means, when it cannot reserve, beforehand, using liking and profile of a reservation claimant, an alternative creation means creates the alternative of reservation information automatically, and transmits reservat information to reservation reception equipment. Thereby, it becomes possible to reduce the reservation work hab of a reservation claimant. Moreover, in this invention, since the profile information on a reservation claimant is h to the reservation demand equipment in a reservation claimant side, it becomes possible to avoid the profile information on a reservation claimant being intercepted, or being abused.

[0103] The method of displaying in the high order of the assessment in the phase which created alternative information to a reservation claimant, making it choose it as a reservation claimant by the 1st operation gestalt having been shown, and reserving can also be guessed easy. Moreover, even when a reservation claimant enters nothing in the screen of drawing 7 but has pushed the reservation carbon button 715 by this operation gestalt hav been shown, the method of creating an alternative and reserving to a change of a reservation claimant can also be guessed easy. Furthermore, even if reservation concentrates on reception of reservation reception equipment and circuit is not connected, the method of executing reservation by proxy instead of a user can also be guessed easy.

[0104] Below, the electronic commerce equipment characterized by providing the order equipment characterized using the ordering information which the order claimant inputted is explained to a means to create an alternative the electronic commerce equipment of the 1st operation gestalt, as 2nd operation gestalt.

[0105] Specifically, the operation gestalt which creates an alternative is explained based on the information whic the reservation claimant inputted.

[0106] Drawing 9 is drawing having shown an example of data to the record configuration and each of its record front proposal ticket information of this operation gestalt. [of electronic commerce equipment] For a movie thea name and 93, as for a show day and 95, in drawing 9 , a film name and 94 are [91 / an item number and 92 / sho time of day and 96] ticket classification.

[0107] As shown in drawing 9 , the data corresponding to the record configuration and each record of front proposal ticket information of this operation gestalt have the item number 91 which numbered the reservation information which failed in reservation, the movie theater name 92, the film name 93, the show day 94, the show time of day 95, and the ticket classification 96. [of electronic commerce equipment] Ticket information is stored storage 216 last time.

[0108] The outline configuration of the electronic commerce equipment of this operation gestalt has an outline configuration shown in drawing 2 , and same composition like the electronic commerce equipment of the operati gestalt 1.

[0109] In the 2nd operation gestalt, the flow chart which shows processing of electronic commerce equipment is same as that of the 1st operation gestalt. Below, the procedure which creates an alternative is explained based on the information which the reservation claimant inputted using drawing 10 .

[0110] Step 101: Give assessment high at a ticket with many points similar as compared with the ticket informati for reservation the information which the reservation claimant inputted, and this time.

Step 62: It is the same as that of the 1st operation gestalt. Step 101 consists of five processing steps.

Step 1011: Evaluate whether the location of the information on the ticket which the reservation claimant inputted reservation information, i.e., front proposal ticket information, and the ticket information which is receiving reservation with reservation reception equipment is near. The near or far comparison of this location is performed by the migration duration of the nearby station of the movie theater of front proposal information, and the nearby station for every ticket which is receiving reservation. A shorter ticket attaches high assessment and a duration considers it as the output of this step as distance-assessment information.

[0111] Step 1012: Evaluate whether the price of said front proposal information and said ticket information is ne A nearer ticket attaches high assessment and a price considers it as the output of this step as quantum evaluation information.

[0112] Step 1013: Evaluate whether the time zone of said front proposal information and said ticket information near. A nearer ticket attaches high assessment and a time zone considers it as the output of this step as time assessment information.

[0113] Step 1014: Evaluate whether the ticket seat type of said front proposal information and said ticket information is near. Assessment with a more expensive ticket with a nearer ticket seat type is attached.

[0114] Step 1015: There is the motor pool of the movie theater of said front proposal information and said ticket information, it suits, and evaluate that coincidence. If are suited and high assessment is not suited, underestimatio

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is attached, and it compounds with the result of step 1014, and considers as the output of this step as movie theat assessment information.

[0115] The above is the 2nd operation gestalt of this invention. With the 1st operation gestalt, since the alternativ was created only using profile information, differing from the current demand of a reservation claimant may aris So, in the 2nd example, the ticket alternative was created using the ticket information which failed in reservation becomes possible to create the alternative which made it possible to reduce the reservation work habits of a reservation claimant, and met the intention of a reservation claimant more according to this operation gestalt.

[0116] The operation gestalt 3 explains the electronic commerce equipment characterized by providing a means t hold sales performance information to award equipment, a means to transmit to order equipment, a means to receive sales performance to order equipment, and a means to create the alternative of the ordering information using sales performance information in the electronic commerce equipment of the operation gestalt 1.

[0117] Drawing 11 is a flow chart which shows the procedure of fundamental actuation of the electronic commer equipment of this operation gestalt.

[0118] Drawing 12 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt. In drawing 12 , 1201 is a sale management-by-results device.

[0119] As shown in drawing 12 , the electronic commerce equipment of this operation gestalt has the sale management-by-results device 1201 in the outline configuration of the 1st operation gestalt.

[0120] Moreover, as shown in drawing 12 , with the electronic commerce equipment of this operation gestalt, the server style for performing electronic commerce is equipped with seven devices, the client device is equipped wi seven devices, and those devices operate by the program which controls the hardware and hardware within a serv style and a client device.

[0121] The 1st device to the 6th device of the server style for receiving ticket reservation is the same as the 1st operation gestalt.

[0122] The 7th device of the server style for receiving ticket reservation is a sale management-by-results device i which the sales performance of tickets [information / which was stored in storage 205 / sales performance], such as retrieval, modification, and deletion, is managed.

[0123] It is the transmitter style 204 passed to each device.

[0124] The 5th device of the server style for receiving ticket reservation is the storage 205 which stores the operation system program for operating a server style, and the information for receiving ticket reservation.

[0125] The 6th device of the server style for receiving ticket reservation is the data bus 206 as a data communication way between each device of the premises of a server.

[0126] The 1st of the client device for transmitting ticket reservation - the 6th device are the same as the operatio gestalt 1.

[0127] Before explaining the detail of each function of the electronic commerce equipment of this operation gest and actuation, the information about the electronic commerce equipment dealt with with this operation gestalt is explained. In addition, the information explained below is not illustrated in order to explain fundamental actuatio of the electronic commerce equipment of this operation gestalt, and it does not limit the applicability of the electronic commerce equipment of this operation gestalt.

[0128] Drawing 13 is drawing showing an example of the data corresponding to the record configuration and eac of its record of sales performance information of this operation gestalt. [of electronic commerce equipment] As sales performance information and 131, in drawing 13 , 13 is [a movie theater name and 132] the numbers of purchase tickets.

[0129] As shown in drawing 13 , by the data corresponding to the record configuration and each of its record of sales performance information of this operation gestalt, the movie theater name 31 and the purchased ticket 132 a memorized as sales performance information. [of electronic commerce equipment]

[0130] The information shown in drawing 13 is stored in storage 205.

[0131] The procedure of a reservation claimant which lessens the order of a promissory note beforehand is explained by supervising reservation status to below, creating a reservation alternative to it according to the condition of supervising, and performing reservation vicarious execution to it.

[0132] As shown in drawing 11 , in the electronic commerce equipment of this operation gestalt, step 111, step 1 step 113, step 114, step 115, step 116, step 117, step 118, step 119, step 1112, step 1113, step 1110, and step 111 are steps performed by the client device 210. Moreover, step 121, step 122, step 123, step 124, step 125, step 126

step 127, step 128, and step 129 are steps performed at server guard 200.

[0133] Moreover, as shown in drawing 11 , step 111 - step 118, step 119, step 1110, step 1111, step 121 - step 12 are the same as that of the 1st example.

[0134] In processing of step 1112, sales performance information requirements are transmitted to the server style 220 through a communication network 220.

[0135] In processing of step 127, the sales performance information requirements which transmitted at step 1112 are received through a communication network 220.

[0136] In processing of step 128, the sales performance information 13 stored in storage 205 is accessed.

[0137] In processing of step 129, the sales performance information 13 is transmitted to the client device 210 through a communication network 220.

[0138] In processing of step 1113, sales performance information is received through a communication network 220.

[0139] Below, the detail of the above-mentioned step 1110 is explained using the flow chart of drawing 14 .

[0140] Step 61, step 62, step 611 - step 618, and step 622 are the same as that of the operation gestalt 1.

[0141] At step 1401, it has purchased well from purchasing track record information, or high assessment is given a best-selling ticket.

[0142] Sales performance assessment information is also added to the evaluation criteria of the operation gestalt and step 621 estimates a ticket.

[0143] The above is the 3rd operation gestalt of this invention. In addition to the effectiveness of the operation gestalt 1, with this operation gestalt, a ticket with sales performance can be purchased by using sales performanc information. That is, best-selling goods, i.e., the ticket with which other reservation claimants are carrying out hi assessment, can be purchased. moreover, the ticket with sales performance is also a ticket with credit, and after paying a price, a few can also avoid [vender] dark measure in a figure.

[0144] In the electronic-commerce equipment of the 1st operation gestalt, the electronic-commerce equipment characterized by to provide the order equipment possessing a means create the information on an alternative from the information stored in a means retrieve information from communication devices other than self-reservation equipment to reservation reception equipment, and the storage means of self-reservation equipment, and the information on other reservation reception equipments explains.

[0145] Drawing 15 is a flow chart which shows the procedure of fundamental actuation of the electronic commer equipment of this operation gestalt.

[0146] Drawing 16 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt. For 230, as for a transmitter style and 232, in drawing 16 , the 2nd client device and 231 are [a controlling mechanism and 233] data buses.

[0147] As shown in drawing 16 , the electronic commerce equipment of this operation gestalt has the transmitter style 231, a controlling mechanism 232, storage 216, and a data bus 233 as 2nd client device.

[0148] Moreover, as shown in drawing 16 , with the electronic commerce equipment of this operation gestalt, six devices and the 1st client device are equipped with three devices at the server style for performing electronic commerce at five devices and the 2nd client device, and a device [being carried out by the program which contro the hardware and hardware within a server style and a client device] operates.

[0149] The 1st of the server style for receiving ticket reservation - the 6th device are the same as the operation gestalt 1.

[0150] The 1st of the 1st client device for transmitting ticket reservation - the 5th device are the same as the operation gestalt 1.

[0151] The 1st device of the 2nd client device which stores profile information is the transmitter style 231 which transmits the information received from each device of the 2nd client device to the 1st client device 210 through transmitter style 220.

[0152] The 2nd device of the 2nd client device which stores profile information is the controlling mechanism 232 which controls the transmitter style 231 and storage 216.

[0153] The 3rd device of the 2nd client device which stores profile information is the storage 216 which stores th information for transmitting the operating system program for operating the 2nd client device, and ticket reservation.

[0154] The 4th device of the 2nd client device for transmitting ticket reservation is the data bus 233 which is a da

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communication way between each device within the 2nd client device.

[0155] As shown in drawing 15 , in the electronic commerce equipment of this operation gestalt, step 111, step 1 step 113, step 114, step 115, step 116, step 117, step 118, step 1501, step 1505, step 1110, and step 1111 are step performed by the 1st client device 210. Moreover, step 121, step 122, step 123, step 124, step 125, and step 126 a steps performed at server guard 200. Furthermore, step 1502, step 1503, and step 1504 are steps performed by th 2nd client device 230.

[0156] Moreover, as shown in drawing 15 , processing from step 111 performed by the 1st client device 210 to s 118 and the processing from step 121 performed at server guard 200 to step 126 are the same as that of the 1st operation gestalt.

[0157] In processing of step 1501, profile information requirements are transmitted to the 2nd client device 230 through the transmitter style 220.

[0158] In processing of step 1502, profile information requirements are received from the 1st client device throug the transmitter style 220.

[0159] In processing of step 1503, the profile information stored in storage 216 is accessed.

[0160] In processing of step 1504, profile information is transmitted to the 1st client device 210 through the transmitter style 220.

[0161] In processing of step 1505, profile information is received through the transmitter style 220.

[0162] Other processings of the 4th example are the same as that of the 1st operation gestalt.

[0163] The above is the 4th operation gestalt of this invention. In addition to the effectiveness of the 1st operatio gestalt, by performing the 4th operation gestalt, there is effectiveness it becomes unnecessary to arrange profile information to all client machines.

[0164] In the electronic commerce equipment of the 1st operation gestalt, the electronic commerce equipment characterized by providing the order equipment possessing a means to transmit the alternative of order to order equipment to other award equipments is explained.

[0165] Drawing 17 is a flow chart which shows the procedure of fundamental actuation of the electronic commer equipment of this operation gestalt.

[0166] Drawing 18 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt. In drawing 18 , 240 is the 2nd server style.

[0167] As shown in drawing 18 , the electronic commerce equipment of this operation gestalt has the 2nd server style 240.

[0168] Moreover, with the electronic commerce equipment of this operation gestalt, the 1st server style and 2nd server style for performing electronic commerce are equipped with six devices, the client device is equipped with seven devices, and those devices operate by the program which controls the hardware and hardware within a serv style and a client device.

[0169] The 1st of the server style for receiving ticket reservation - the 6th device are the same as the operation gestalt 1.

[0170] The 1st of the client device for transmitting ticket reservation - the 7th device are the same as the operatio gestalt 1.

[0171] Before explaining the detail of each function of the electronic commerce equipment of this operation gest and actuation, the information about the electronic commerce equipment dealt with with this operation gestalt is explained. In addition, the information explained below is not illustrated in order to explain fundamental actuatio of the electronic commerce equipment of this operation gestalt, and it does not limit the applicability of the electronic commerce equipment of this operation gestalt.

[0172] Drawing 19 is drawing showing an example of the data corresponding to the record configuration and eac of its record of server information of this operation gestalt. [of electronic commerce equipment] As for server information and 191, in drawing 19 , 19 is [Server Name and 192] Servers URL.

[0173] As shown in drawing 19 , by the data corresponding to the record configuration and each of its record of server information of this operation gestalt, Server Name 191 and a server URL 192 are memorized as server information. [of electronic commerce equipment]

[0174] The information shown in drawing 19 is stored in storage 216.

[0175] The procedure of a reservation claimant which lessens the order of a promissory note beforehand is explained by supervising reservation status to below, and changing into it the server reserved according to the

condition of supervising, namely, changing a reservation place into it.

[0176] As shown in drawing 17 , in the electronic commerce equipment of this operation gestalt, step 111, step 1 step 113, step 114, step 115, step 116, step 117, step 118, step 1701, and step 1702 are steps performed by the cli device 210. Moreover, step 121, step 122, step 123, step 124, step 125, step 126, step 1703, step 1704, and step 1705 are steps performed at server guard 200.

[0177] Moreover, as shown in drawing 17 , processing from step 111 performed by the client device 210 to step 118 and the processing from step 121 performed at server guard 200 to step 126 are the same as that of the 1st operation gestalt.

[0178] In processing of step 1701, the server information stored in storage 216 is read.

[0179] In processing of step 1702, ticket reservation information is transmitted to the 2nd server style 240 throug the transmitter style 220.

[0180] In processing of step 1703, reservation information is received from a client device through the transmitte style 220.

[0181] In processing of step 1704, the vacancy information stored in storage 205 is accessed.

[0182] In processing of step 1705, reservation confirmed information is transmitted to the client device 210 throu the transmitter style 220.

[0183] In processing of step 1706, reservation confirmed information is received from the 2nd server through the transmitter style 220.

[0184] Other processings of the 5th example are the same as that of the 1st operation gestalt.

[0185] The above is the 5th operation gestalt of this invention. By performing the 5th operation gestalt, the same effectiveness as the 1st operation gestalt can be acquired.

[0186] In the electronic commerce equipment of the 1st operation gestalt, the electronic commerce equipment characterized by providing the order equipment possessing a means to supervise an order condition to order equipment is explained.

[0187] Drawing 20 is a flow chart which shows the procedure of fundamental actuation of the electronic commer equipment of this operation gestalt.

[0188] Drawing 21 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt. In drawing 21 , 2101 is a sale status information control mechanism.

[0189] As shown in drawing 21 , the electronic commerce equipment of this operation gestalt has the 1st the sam device as an operation gestalt and sale status information control mechanism 2101.

[0190] Moreover, as shown in drawing 21 , with the electronic commerce equipment of this operation gestalt, the server style for performing electronic commerce is equipped with seven devices, the client device is equipped wi the device seven, and those devices operate by the program which controls the hardware and hardware within a server style and a client device.

[0191] The 1st of the server style for receiving ticket reservation - the 6th device are the same as the 1st operatio gestalt.

[0192] The 7th device of the server style for receiving ticket reservation is the sale status information control mechanism 2101 which manages the condition, i.e., the payment condition of a price, after determining reservati an order of a ticket, the condition of a ticket called delivery, etc.

[0193] The 1st of the client device for transmitting ticket reservation - the 7th device are the same as the 1st operation gestalt.

[0194] Before explaining the detail of each function of the electronic commerce equipment of this operation gest and actuation, the information about the electronic commerce equipment dealt with with this operation gestalt is explained. In addition, the information explained below is not illustrated in order to explain fundamental actuatio of the electronic commerce equipment of this operation gestalt, and it does not limit the applicability of the electronic commerce equipment of this operation gestalt.

[0195] Drawing 22 is drawing showing an example of the data corresponding to the record configuration and eac of its record of ticket sale status information of this operation gestalt. [of electronic commerce equipment] For 2 as for a purchaser member number and 222, in drawing 22 , ticket sale status information and 221 are [ticket # a 223] conditions.

[0196] As shown in drawing 22 , by the data corresponding to the record configuration and each of its record of ticket sale status information of this operation gestalt, ticket #222 and the condition 223 of being in the condition

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a ticket which are the member number 221 of the reservation claimant which reserved a ticket, and the identification number of a ticket as ticket sale status information for managing the condition after reservation of a ticket are memorized. [of electronic commerce equipment] The information shown in drawing 22 is stored in storage 216.

[0197] The procedure of a reservation claimant which lessens the order of a promissory note beforehand is explained by supervising a ticket sale condition to below after ticket reservation formation, creating a reservation alternative to it according to the condition of supervising, and performing reservation vicarious execution to it.

[0198] This operation gestalt is actuation of the electronic commerce equipment after reservation formation. As shown in drawing 20 , in the electronic commerce equipment of this operation gestalt, step 2001, step 2005, step 2006, step 119, step 1110, and step 1111 are steps performed by the client device 210. Moreover, step 2002, step 2003, step 2004, and step 124 are steps performed at server guard 200.

[0199] Moreover, as shown in drawing 20 , in processing of step 2001, a ticket sale condition acknowledge reque is transmitted to the server style 220 through a communication network 220.

[0200] In processing of step 2002, a ticket sale condition acknowledge request is received from the client device 210 through a communication network 220.

[0201] In processing of step 2003, ticket sale status information is accessed from storage 205.

[0202] In processing of step 2004, ticket sale status information is transmitted to the client device 220 through a communication network 220.

[0203] In processing of step 2005, ticket sale status information is received from the server style 200 through a communication network 220.

[0204] In processing of step 2006, the judgment of whether it is normal or there is nothing is carried out to the ticket sale status information received at step 2005. If normal, step 2001 will be performed after a certain fixed ti amount. If unusual, processing of step 119 will be performed.

[0205] Step 119, step 1110, and step 124 perform the same actuation as the 1st operation gestalt.

[0206] In processing of step 1111, the information created at step 1110 is transmitted to a server style, and reservation of a ticket is performed. In order to tell a user about the situation of actuation of this step, the screen shown in drawing 23 is used. The example of the screen which tells a user about the condition of re-reservation o ticket on a WWW browser at drawing 23 R> 3 is shown. In drawing 23 , 231 is a label in which the condition aft reservation indicates by the content.

[0207] The above is the 6th operation gestalt of this invention. Although reducing the reservation work habits of reservation claimant makes it possible by creating an alternative and performing reservation automatically with t 1st operation gestalt when reservation is not able to be made, with the 6th operation gestalt, the abnormalities aft reservation are discovered automatically, an alternative is created, and re-reservation is performed. Thereby, even when abnormalities occur in reservation, a response is possible at an early stage. Moreover, with this operation gestalt, although the server style 200 was equipped with the ticket sale status management device 2101, even if s device cannot be found, the abnormalities by the side of a ticket sale can be discovered at an early stage. It supervises after reservation whether a store exists after reservation. After reserving, the abnormalities of a store c be discovered after remittance and it can confirm whether to be deceived or not.

[0208] In the electronic commerce equipment of the 1st operation gestalt, the electronic commerce equipment characterized by providing the order equipment characterized by moving a means to create an alternative to orde equipment from award equipment is explained.

[0209] Drawing 24 is a flow chart which shows the procedure of fundamental actuation of the electronic commer equipment of this operation gestalt. Drawing 25 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt.

[0210] Moreover, with the electronic commerce equipment of this operation gestalt, the server style for performi electronic commerce is equipped with seven devices, the client device is equipped with six devices, and those devices operate by the program which controls the hardware and hardware within a server style and a client devic

[0211] The 1st of the server style for receiving ticket reservation - the 6th device are the same as the operation gestalt 1. However, the reservation vicarious execution device control mechanisms 2501 which exist within the premises of a server differ. The reservation vicarious execution device control mechanism 2501 has the function transmit a reservation vicarious execution device to a client device from storage 205.

[0212] Five devices of the client device for transmitting ticket reservation are the same as the operation gestalt 1,

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and the download module activation devices 2502 differ. The download module activation device 2502 receives reservation vicarious execution device 25 received from the server style 200, and has the function to perform the reservation vicarious execution device 25.

[0213] The procedure of a reservation claimant which lessens the order of a promissory note beforehand is explained by supervising reservation status below and below, reserving by downloading and performing the devi in which reservation is executed by proxy according to the condition of supervising.

[0214] As shown in drawing 24 , in the electronic commerce equipment of this operation gestalt, step 111, step 1 step 113, step 114, step 115, step 116, step 117, step 118, step 2402, step 119, step 1110, and step 1111 are steps performed by the client device 210. Moreover, step 121, step 122, step 123, step 124, step 125, step 126, and step 2401 are steps performed at server guard 200.

[0215] Moreover, as shown in drawing 24 , the processing from step 111 to step 119 and the processing of step 1110 which are performed by the client device 210, processing of step 1111, and the processing from step 121 performed at server guard 200 to step 126 are the same as that of the 1st operation gestalt.

[0216] A reservation vicarious execution device is transmitted in processing of step 2401. A reservation vicariou execution device is received in processing of step 2402. Other processings of the 7th example are the same as tha of the 1st operation gestalt. The above is the 7th operation gestalt of this invention. Since a reservation vicarious execution function is downloaded and performed only when reservation goes wrong by performing the 7th operation gestalt in addition to the same effectiveness as the 1st operation gestalt, the tooth space of the storage 2 of the client device 220 can be used effectively.

[0217] The electronic-commerce equipment characterized by to provide the order equipment which possesses the storage which stored a transceiver information monitor means and an alternative creation means in order equipment, a means read said storage, a means said storage reads and judge ****, and the means that start the means which stored in said storage and stop from the information from said means which can be read in the electronic-commerce equipment of the 1st operation gestalt explains.

[0218] Drawing 26 is a flow chart which shows the procedure of fundamental actuation of the electronic commer equipment of this operation gestalt.

[0219] Drawing 27 is drawing showing the outline configuration of the electronic commerce equipment of this operation gestalt. As for storage storing surveillance and 2702, in drawing 27 , 2701 is [a storage read station an 2703] storages.

[0220] As shown in drawing 27 , the electronic commerce equipment of this operation gestalt has the same devic as the 1st operation gestalt, and the storage storing surveillance 2701, the storage read station 2702 and a storage 2703.

[0221] Moreover, as shown in drawing 27 , with the electronic commerce equipment of this operation gestalt, the server style for performing electronic commerce is equipped with six devices, the client device is equipped with nine devices, and those devices operate by the program which controls the hardware and hardware within a serve style and a client device.

[0222] The 1st of the server style for receiving ticket reservation - the 6th device are the same as the 1st operatio gestalt.

[0223] The 1st of the client device for transmitting ticket reservation - the 7th device are the same as the 1st operation gestalt. However, the 5th device is stored in the storage 2703.

[0224] The 8th device of the client device for transmitting ticket reservation is the storage storing surveillance 27 which judges whether the storage is inserted or it is not.

[0225] The 9th device of the client device for transmitting ticket reservation is the storage read station 2702 whic reads the information stored in the storage.

[0226] Below a ticket reservation condition is supervised, according to the condition of supervising, a reservation alternative is created, it judges whether there is any paddle with which the device in which reservation vicarious execution is performed is stored in a storage, and the storage is stored, and the example which made this inventio easy to use is explained by actuation-starting and stopping a reservation vicarious execution device.

[0227] As shown in drawing 26 , in the electronic commerce equipment of this operation gestalt, step 111, step 1 step 113, step 114, step 115, step 116, and step 2601 are steps performed by the client device 210. Moreover, ste 121, step 122, step 123, step 124, step 125, and step 126 are steps performed at server guard 200.

[0228] Moreover, as shown in drawing 26 , in processing of step 2601, it judges whether the reservation vicariou

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execution device 215 is stored in the storage read station, and whether it is. If are inserted and it is not moved and stored in actuation of step 118 as a result of the judgment, a reservation vicarious execution device will not be operated. If the storage is inserted, an operating [the reservation vicarious execution device 215] user will be tol using the screen shown in drawing 28 R> 8. In drawing 28 , the label in which it is shown that 281 started actuation, and 282 are confirmation buttons. Moreover, if the storage is not inserted, a user will be told about the reservation vicarious execution device 215 having stopped using the screen shown in drawing 29 . In drawing 29 the label in which it is shown that actuation stopped 291, and 292 are confirmation buttons.

[0229] The above is the 8th operation gestalt of this invention. With the 1st operation gestalt, a reservation vicarious execution device will always operate. With this operation gestalt, when a reservation claimant does not need a reservation vicarious execution device, it can stop easily only by sampling the storage which stored the reservation vicarious execution device. Moreover, when you needed the reservation vicarious execution device, i can return a function easily only by inserting the storage which stored the reservation vicarious execution device.

[0230]

[Effect of the Invention] The effectiveness of this invention is reducing reservation or reservation of an order claimant, and order procedures in the ticket reservation and the goods order which used the communication network. Moreover, other effectiveness of this invention is that a user's profile avoids the risk of tapping or improper use in the ticket reservation and the goods order which used the communication network. Furthermore, other effectiveness of this invention is reducing damage of a purchaser in the goods order which used the communication network. Furthermore, other effectiveness of this invention is making easy reservation or reservation of an order claimant, and initiation and a halt of the function which reduces order procedures in the ticket reservation and the goods order which used the communication network.

[Translation done.]

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